

MEMORANDUM FOR THE RECORD

SUBJECT: 16JDA03 MFR – 8 Adult Lamprey mortalities found on the ground, next to the dedicated, Tribal holding tank, SMF, John Day Dam.

On 07 August, AM the Umatilla Tribe's Lamprey collecting crew found 8 Adult Lamprey mortalities scattered on the ground, next to the Tribal holding tank located behind the Sampling Building, SMF. The fish were held overnight and apparently were able to leave the holding tank through a small gap underneath its cover/lid. The mortalities were picked up and taken by the CRITFC lamprey crew for further examination. Please, contact CRITFC for details.

Information they collected is provided below:

- A. Species – 8 Adult Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – Unknown.
- D. Marks and tags – No marks and/or tags.
- E. Marks and Injuries found on carcass – No marks and/or injuries observed.
- F. Cause and Time of Death – Lamprey found their way out of the Tribal holding tank and died outside due to lack of water, between Saturday, 8/6 noon and Sunday, 8/7 AM.
- G. Future and Preventative Measures – The Umatilla Lamprey crew came back the next day, Monday, 8/09 and modified the holding tank by lowering its water level, to make it harder for lamprey to escape. Additionally, JD Fisheries suggests using a larger, metal SMF storage tank, which will be available to Tribes for the 2017 season on. (The current, smaller plastic tank used to work well for holding a small number of lamprey in the past, but it is outdated since the numbers of collected lamprey have increased significantly in 2016.)

Sincerely,
JD Fisheries